

**ABSTRACT**  
**RECORDING SHEETS FOR INK JET PRINTING**

- 5 A recording sheet for ink jet printing described, which consists of a support having coated onto said support at least one ink receiving layer consisting of one or more binders and a mixture of different water insoluble, inorganic oxides of the elements aluminium or silicium, oxide/hydroxides of the element aluminium or aluminium silicates, wherein at least one of said oxides, oxides/hydroxides or silicates has a pore volume of  $\geq 40$  ml / 100 g
- 10 and is present in an amount of at least 8 weight percent relative to the total amount of all the water insoluble, inorganic oxides, oxide/hydroxides or silicates and that the primary particles of the mixture component with the largest volume have an equivalent sphere diameter of less than 20 nm and the primary particles of the mixture component with the smallest volume
- 15 have an equivalent sphere diameter that is at least  $1/20$  of the equivalent sphere diameter of the primary particles of the mixture component with the largest volume.

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